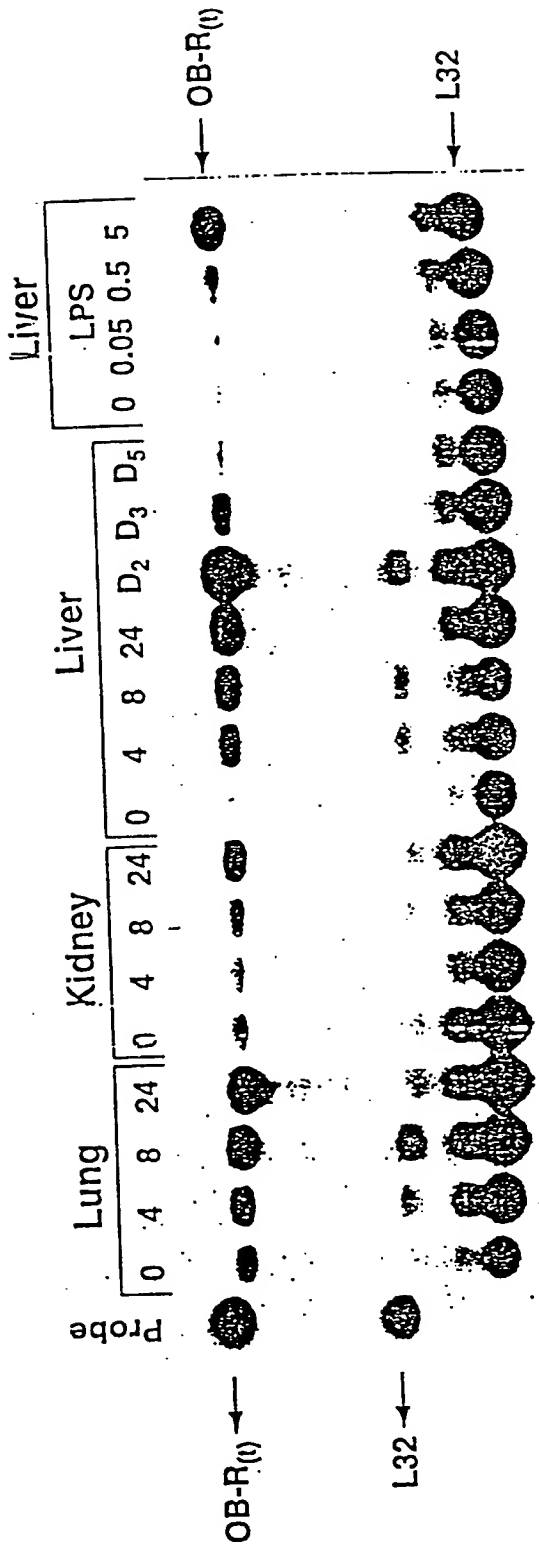
OB-R(l)
L32
Liver
LPS
0 0.05 0.5 5
Liver
0 4 8 24 D2 D3 D5
Kidney
0 4 8 24
Lung
0 4 8 24
Probe
OB-R(l)
L32

FIGURE 1

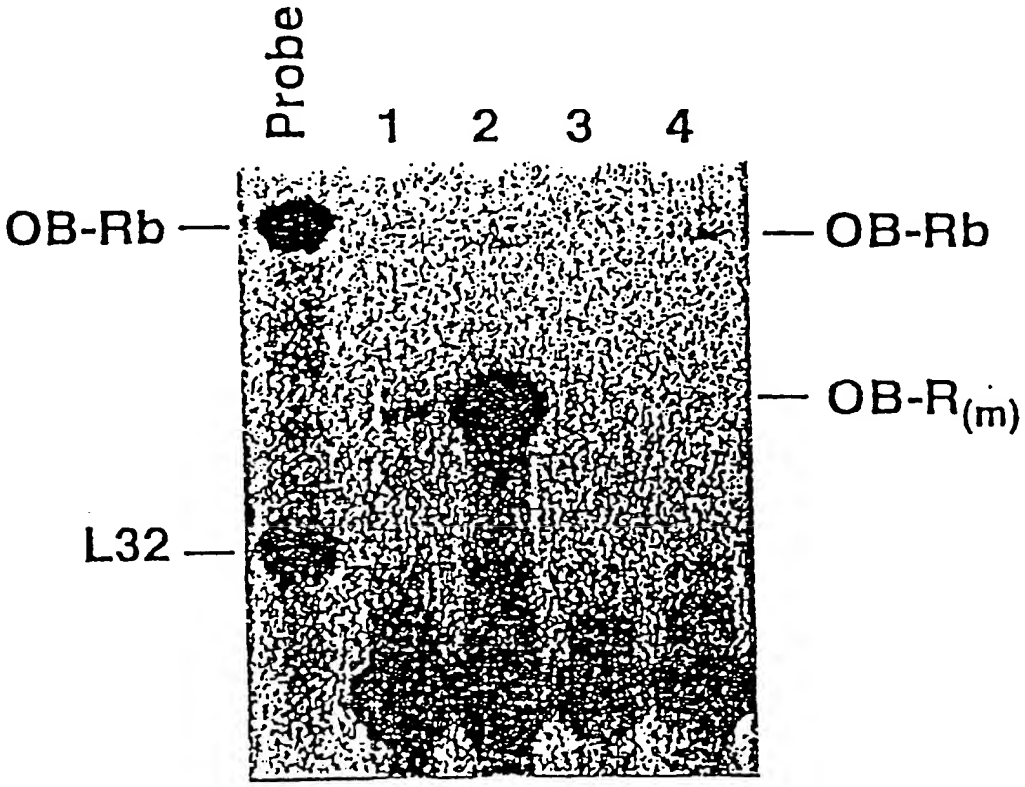

FIGURE 2

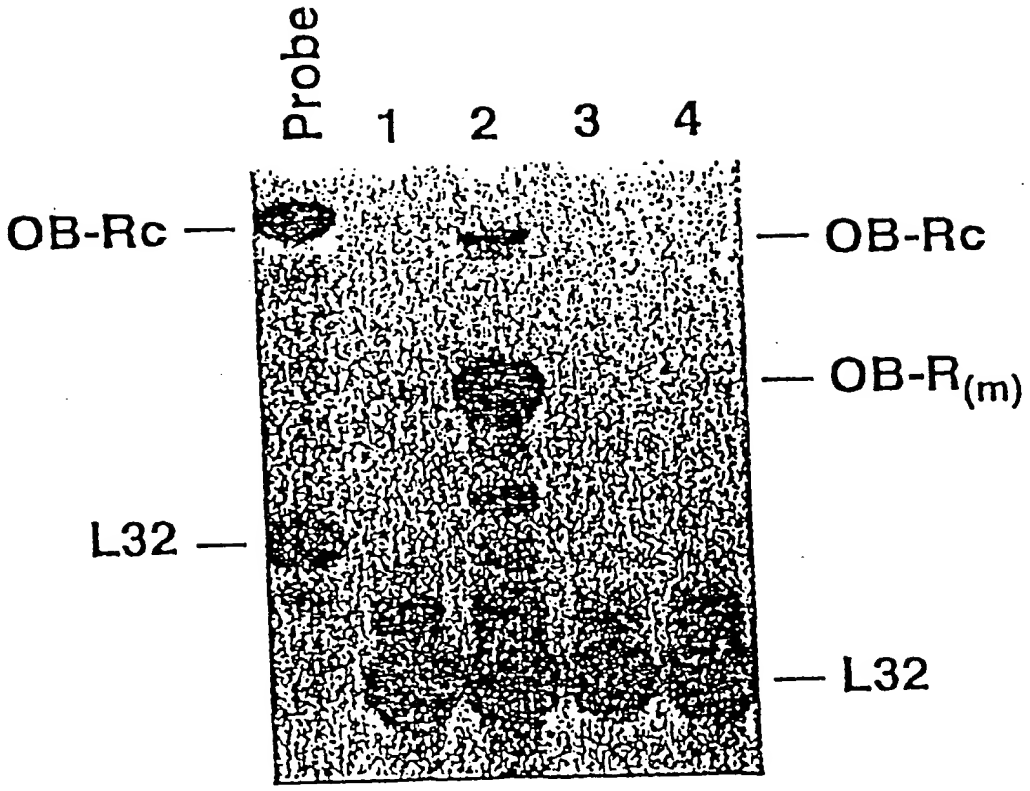

FIGURE 3

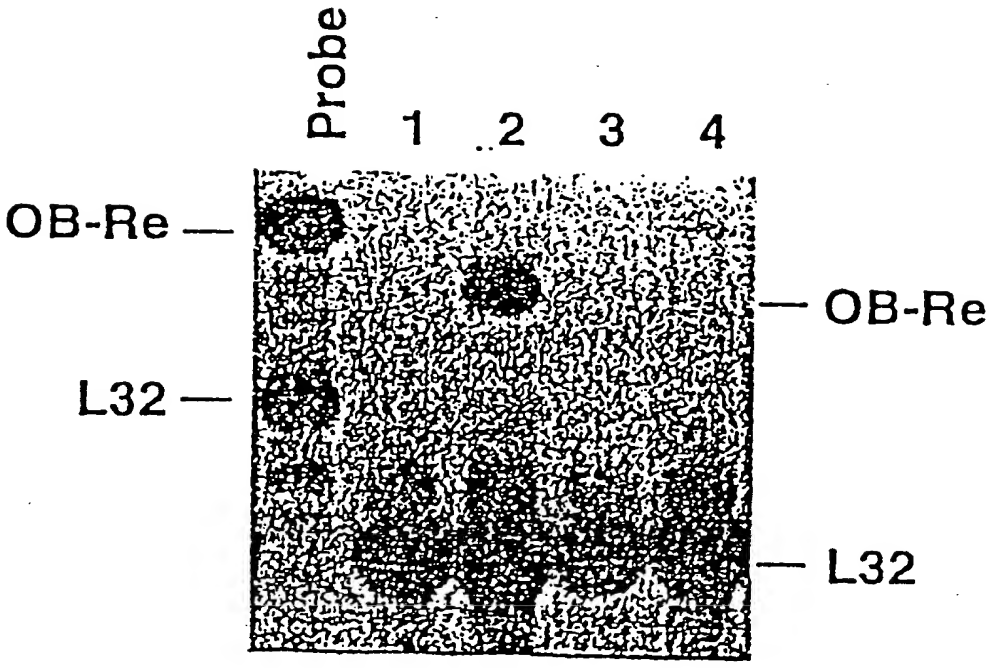

FIGURE 4

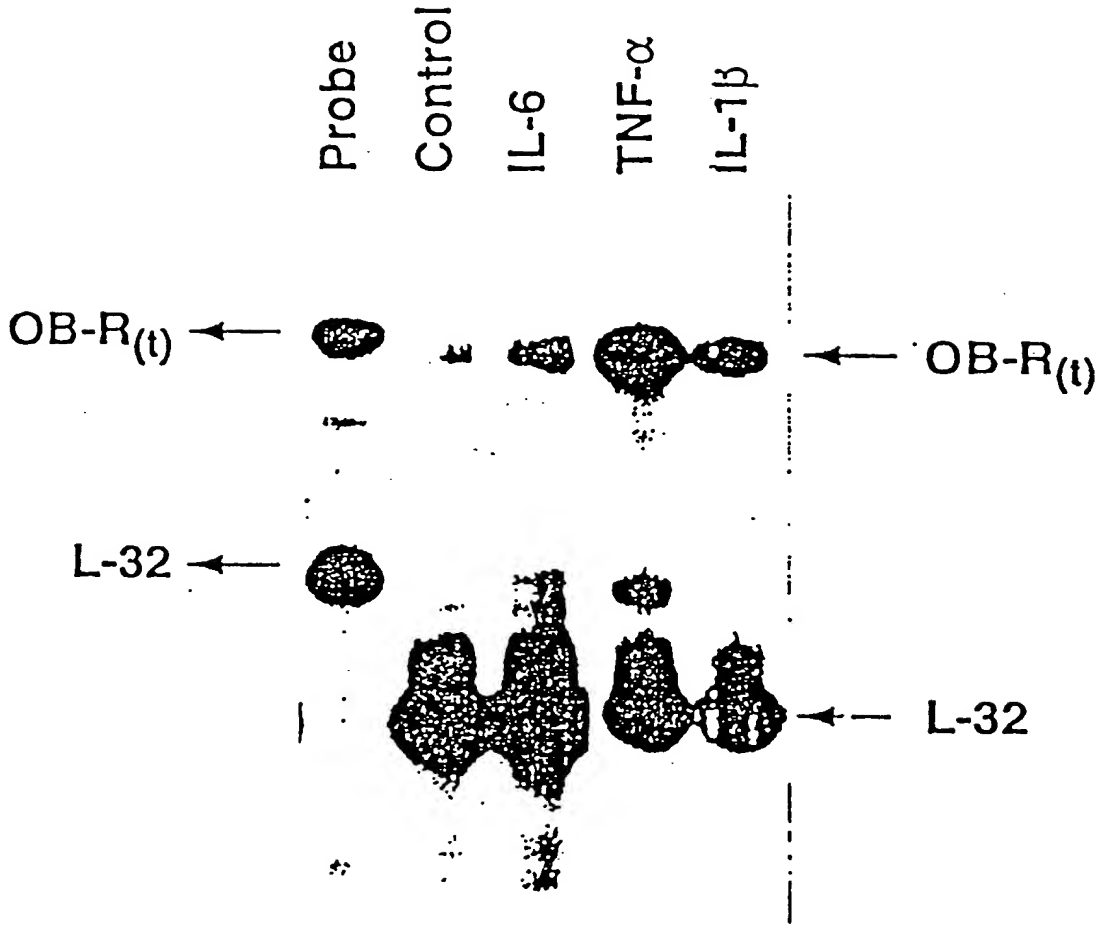

FIGURE 5

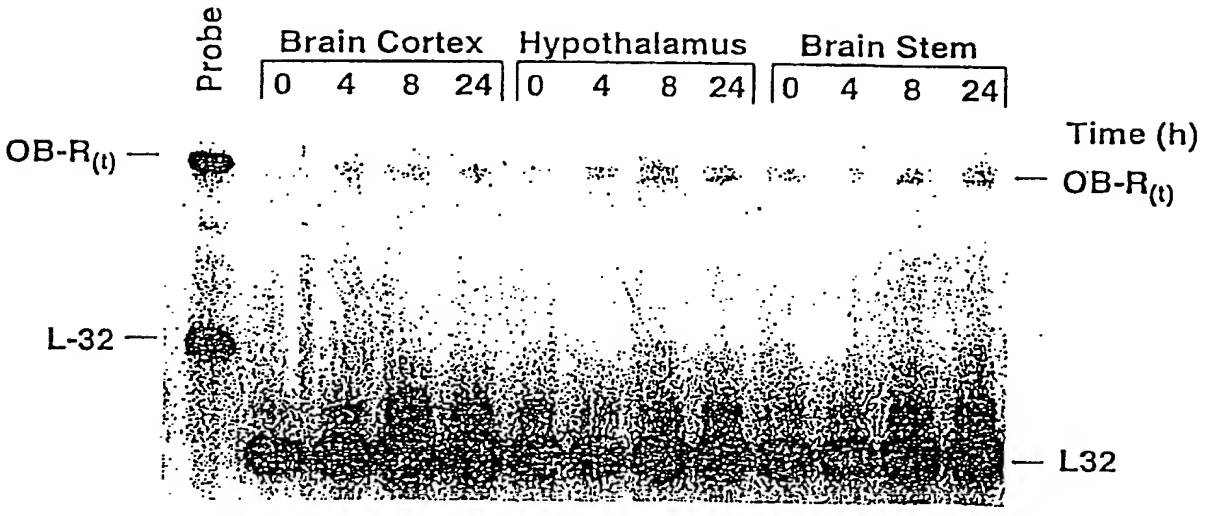
Probe
Brain Cortex
Hypothalamus
Brain Stem
0 4 8 24
0 4 8 24
0 4 8 24
Time (h)
OB-R(l)
OB-R(l)
L-32
L32

FIGURE 6

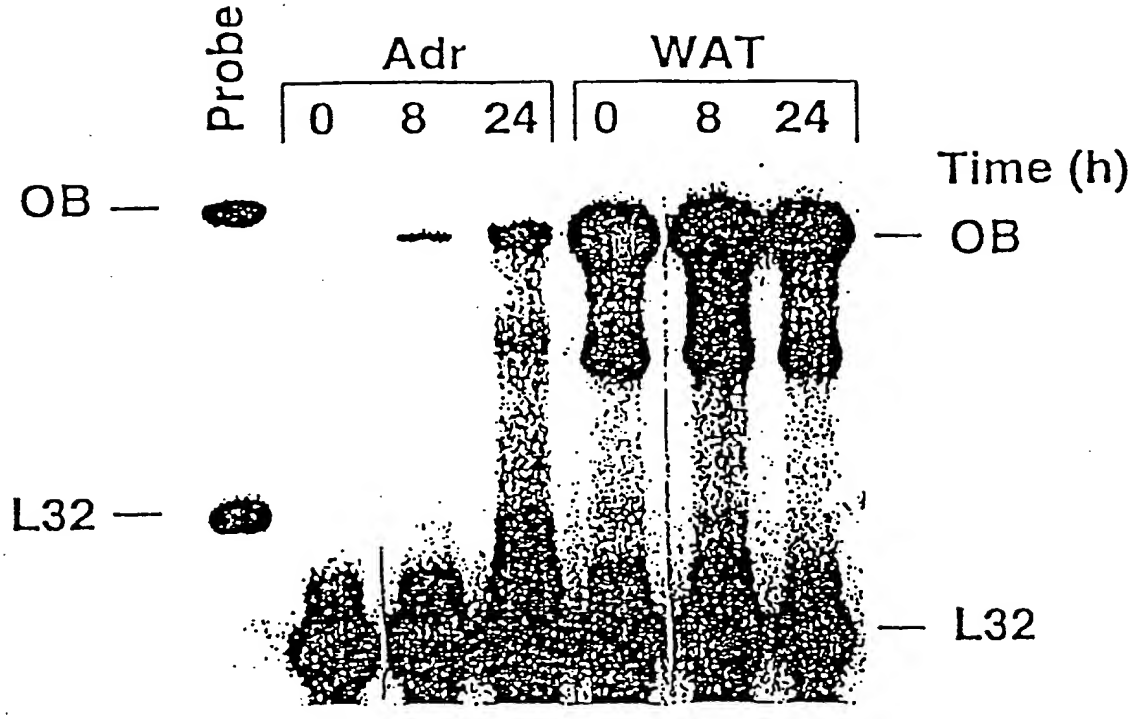

FIGURE 7

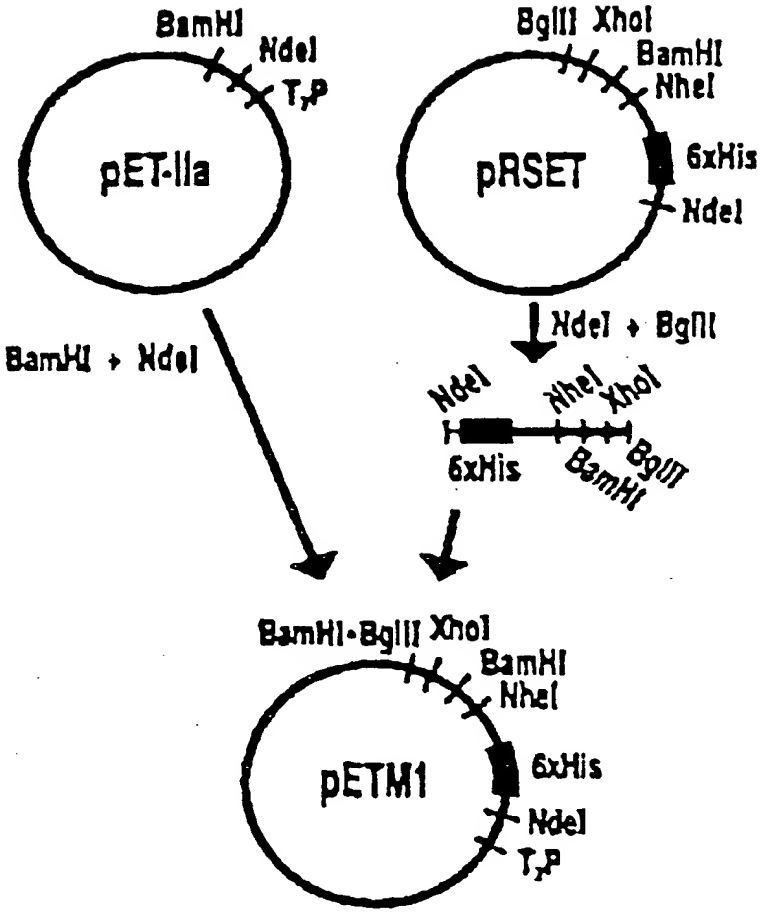
BamHI
NdeI
T7P
pET-11a
BglII XhoI
BamHI
NheI
pRSET
6xHis
NdeI
BamHI + NdeI
NdeI + BglII
NdeI
NheI
XhoI
6xHis
BglII
BamHI
BamHI-BglII XhoI
BamHI
NheI
pETM1
6xHis
NdeI
T7P

FIGURE 8

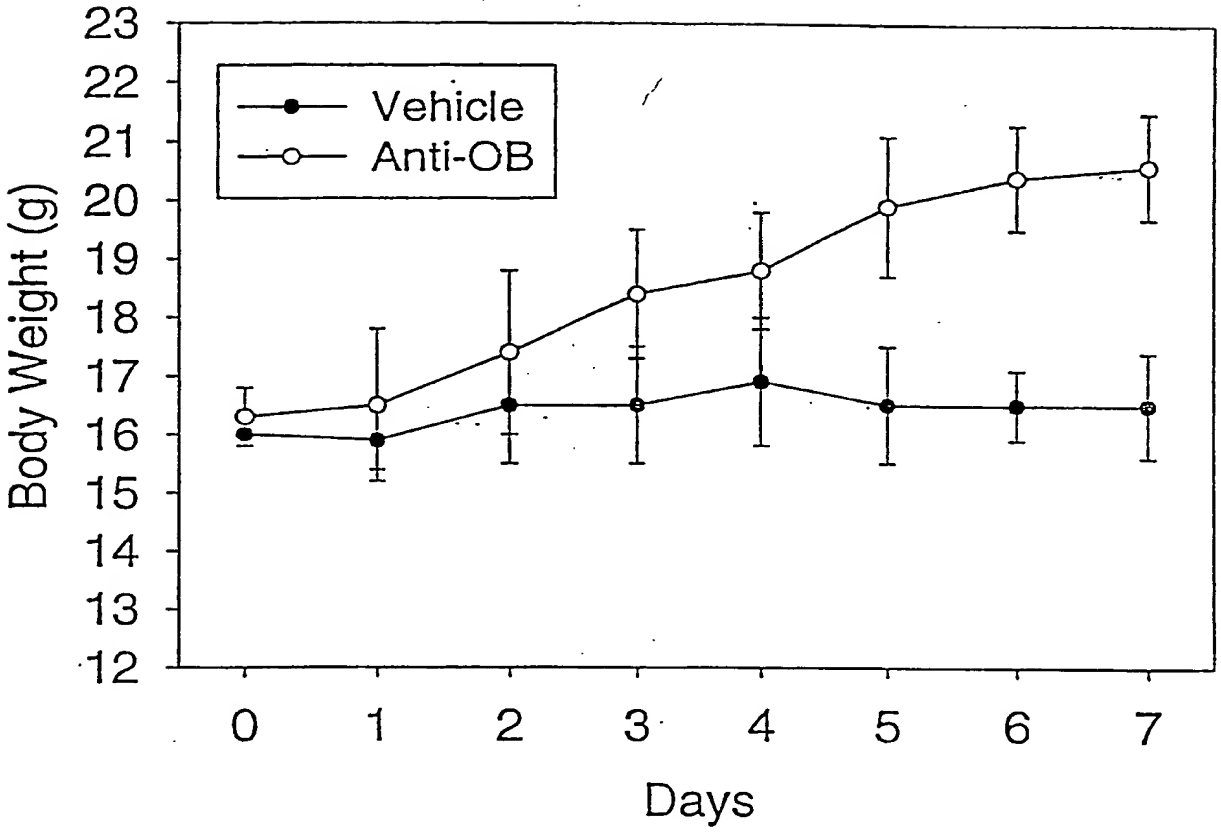
Body Weight (g)
23
22
21
20
19
18
17
16
15
14
13
12
Vehicle
Anti-OB
0
1
2
3
4
5
6
7
Days

FIGURE 9

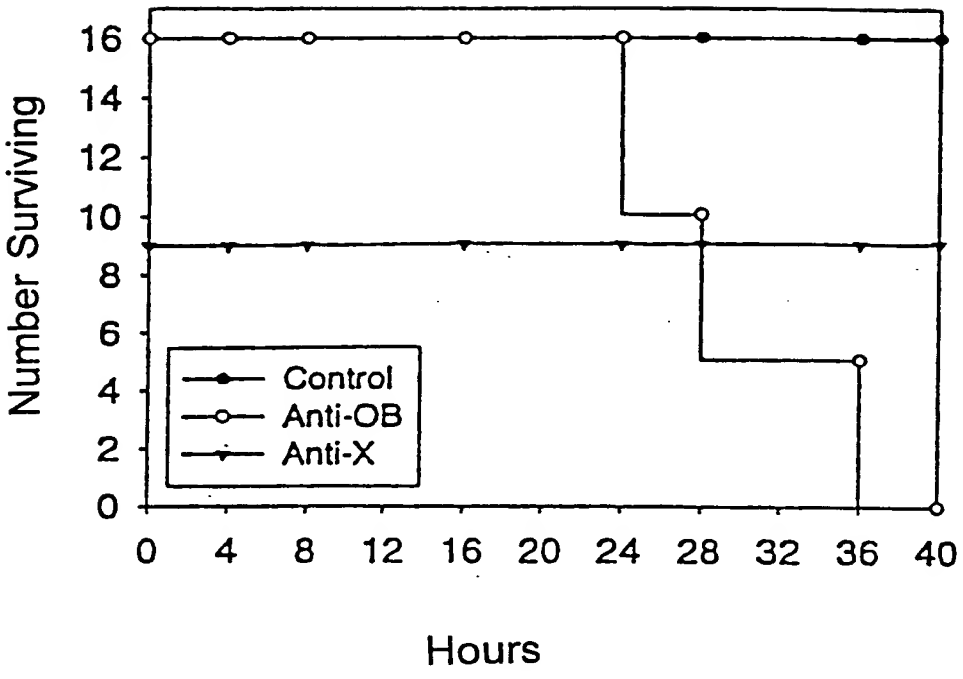
Number Surviving
16
14
12
10
8
6
4
2
0
0
4
8
12
16
20
24
28
32
36
40
Hours
Control
Anti-OB
Anti-X

FIGURE 10

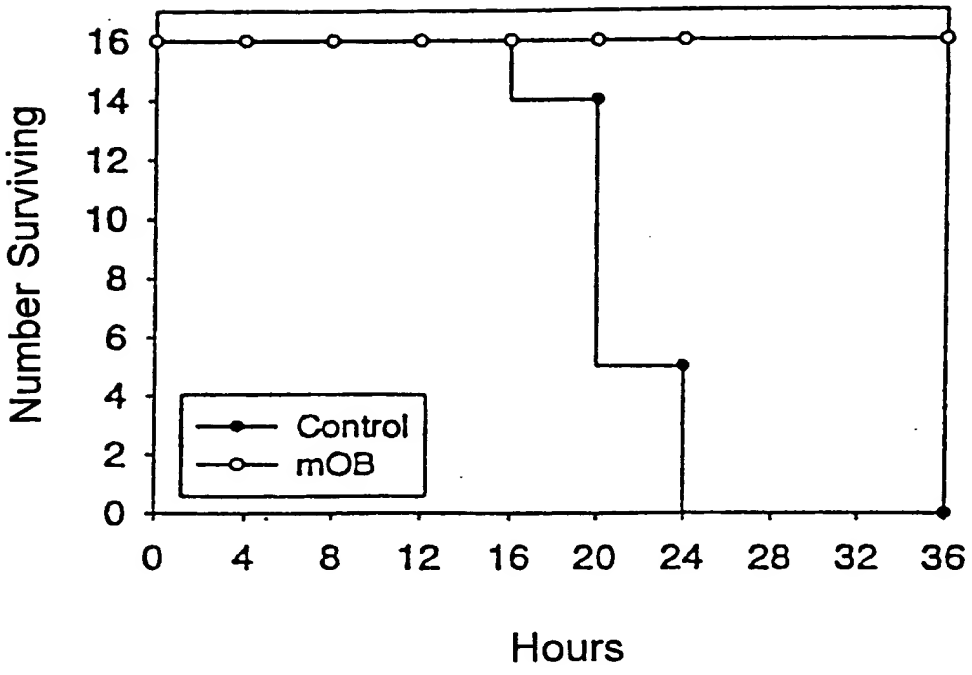
Number Surviving
16
14
12
10
8
6
4
2
0
Control
mOB
0
4
8
12
16
20
24
28
32
36
Hours

FIGURE 11

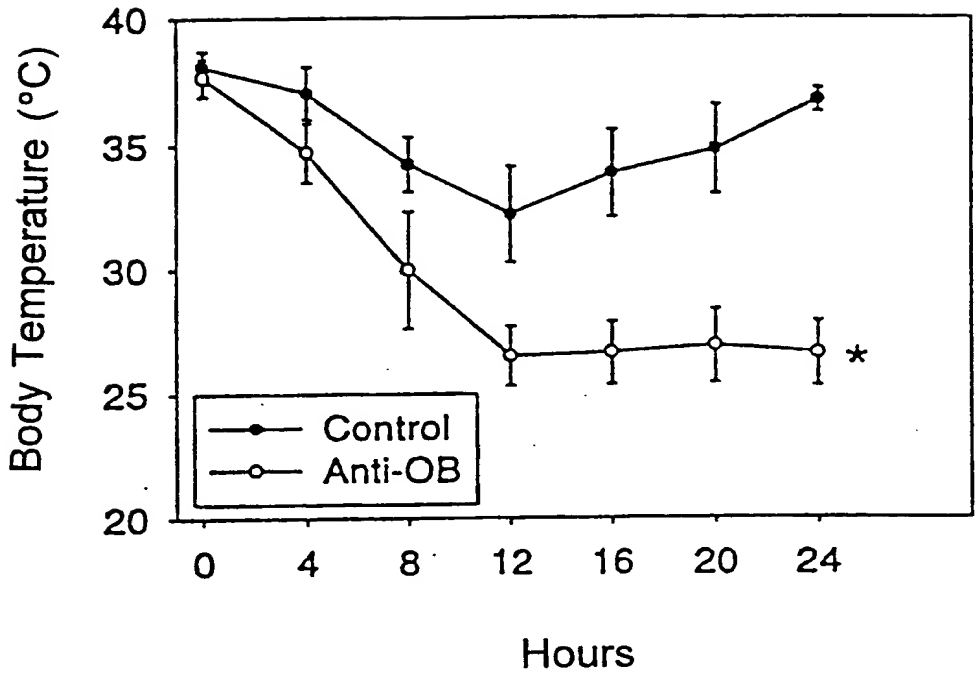
Body Temperature (°C)
40
35
30
25
20
0
4
8
12
16
20
24
Hours
Control
Anti-OB
*

FIGURE 12

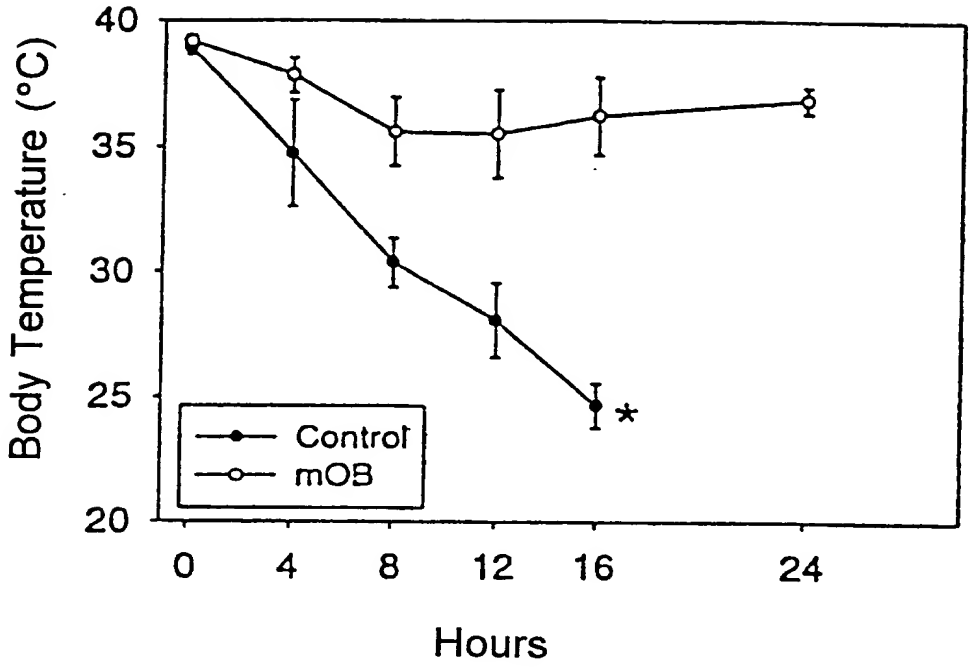
Body Temperature (°C)
40
35
30
25
20
0
4
8
12
16
24
Hours
Control
mOB
*

FIGURE 13

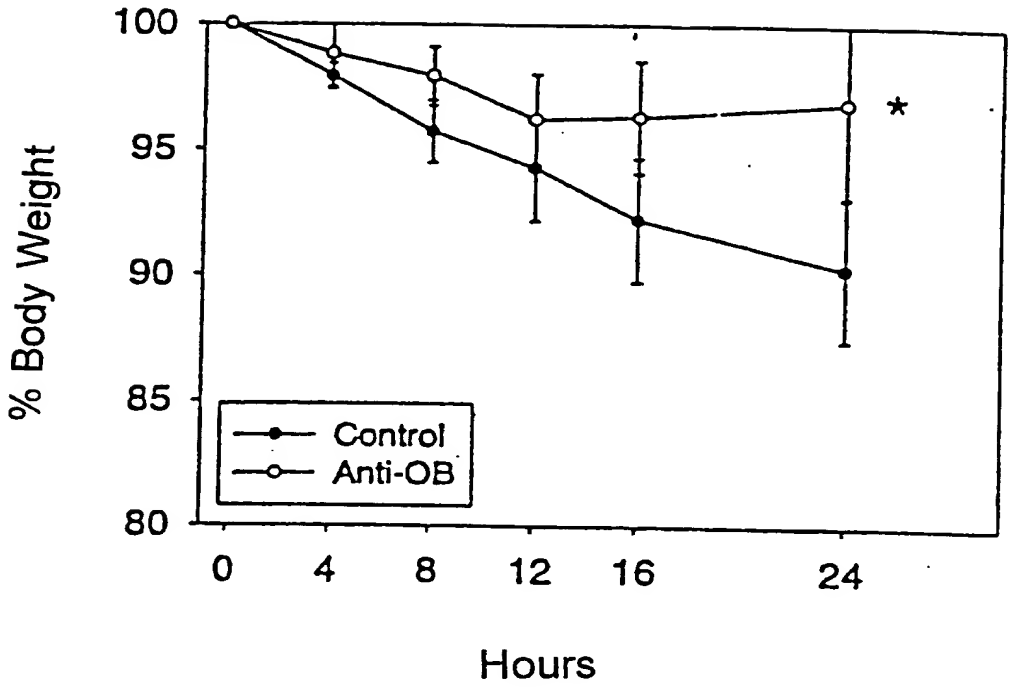

FIGURE 14

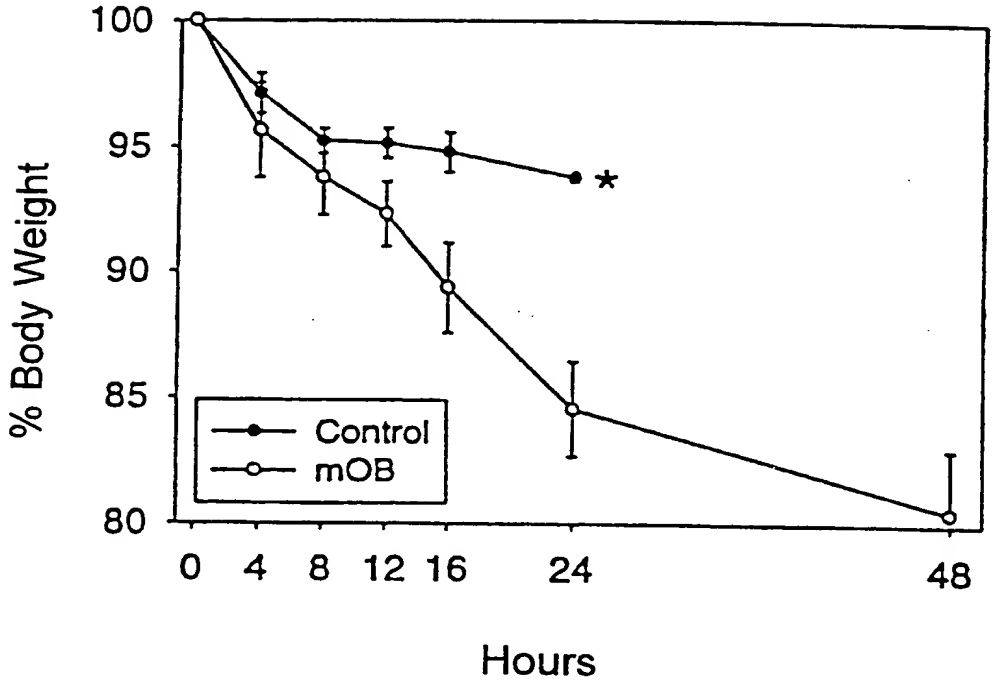

FIGURE 15

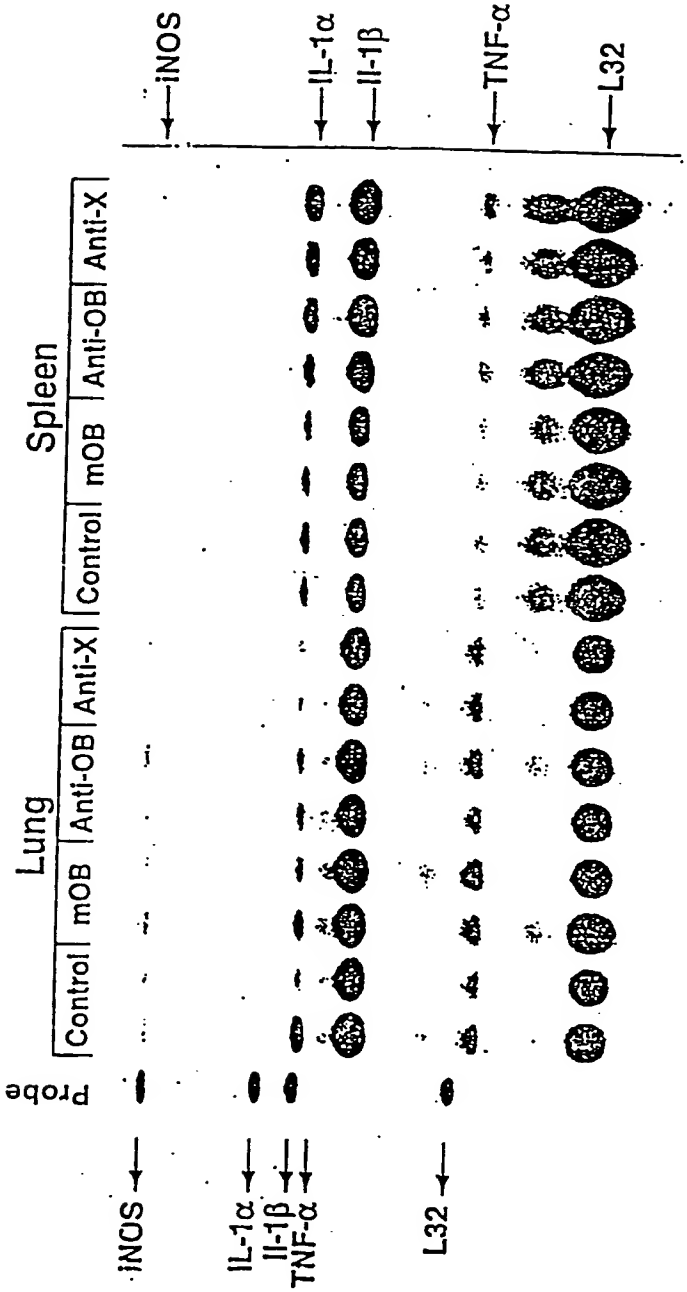
iNOS
IL-1α
Il-1β
TNF-α
L32
Spleen
Lung
Control
mOB
Anti-OB
Anti-X
Probe

FIGURE 16